

Maryland Historical Trust

Maryland Inventory of Historic Properties number: HA-1886

Name: Abington Rd over B90 Rd

The bridge referenced herein was inventoried by the Maryland State Highway Administration as part of the Historic Bridge Inventory, and SHA provided the Trust with eligibility determinations in February 2001. The Trust accepted the Historic Bridge Inventory on April 3, 2001. The bridge received the following determination of eligibility.

MARYLAND HISTORICAL TRUST	
Eligibility Recommended <u> X </u>	Eligibility Not Recommended <u> </u>
Criteria: <u> </u> A <u> </u> B <u> X </u> C <u> </u> D Considerations: <u> </u> A <u> </u> B <u> </u> C <u> </u> D <u> </u> E <u> </u> F <u> </u> G <u> </u> None	
Comments: _____	

Reviewer, OPS: <u>Anne E. Bruder</u>	Date: <u> 3 April 2001 </u>
Reviewer, NR Program: <u>Peter E. Kurtze</u>	Date: <u> 3 April 2001 </u>

mg



MHT Number HA-1886

Location:

City/Town: Sewell Vicinity X

Ownership: State X County Municipal Other

Is the bridge located within a designated district: yes ☒ no ☐

__NR listed district__NR determined eligible district

 locally designated other

Name of District_____

__Timber Bridge
 __Beam Bridge__Truss-Covered__Trestle
 __Timber-and-Concrete

___Stone Arch

Metal Truss

Movable Bridge

Swing Bascule Single Leaf Bascule Multiple Leaf

Vertical Lift Retractable Pontoon

X Metal Girder

X Rolled Girder __ Rolled Girder Concrete Encased

X Plate Girder Plate Girder Concrete Encased

Metal Suspension

__Metal Arch

☐ Metal Cantilever

☐ Concrete

☐ Concrete Arch ☐ Concrete Slab ☐ Concrete Beam

☐ Rigid Frame

☐ Other Type Name _____

Description:

Describe Setting:

Bridge No. H 169 carries Abingdon Road north-south across B & O Railroad tracks in Harford County, Maryland. The north and south approach roadways have a 20' wide bituminous concrete traveled way. The north and south approaches are level and curved. The south approach is wooded. There is a 28'± section of W-beam guardrail on each side of both approaches. The guard rails are not anchored to the structure and all terminal ends are blunt. The B & O Railroad tracks intersect the east side of the south approach approximately 80 feet from the bridge. There are residences to the north of the bridge.

Describe Superstructure and Substructure:

Bridge H 169 carries Abingdon Road over B & O Railroad tracks in Harford County, Maryland. The structure is a five span beam and girder bridge with a concrete slab deck, 4 arched concrete piers, concrete retaining walls, and concrete spill-through abutments. The spans are 26'-3", 26'-9", 73'-10", 31'-6", and 31'-10" and have a total length 194'-5". The center span is of the plate girder type of beams, while the other spans are rolled girder beams.

Neither the top nor bottom of the concrete slab deck was observable. All steel elements of the superstructure have peeling paint and light to moderate corrosion. Beam ends were previously repaired with double stiffener angles at the abutments. However at two locations behind the stiffeners where the web plates meet the bottom flanges on each side of the beams, and web plates have been eaten completely through by corrosion. The bearings at the south abutment and piers 1 and 4 have been painted and are generally good condition. The beam ends and bearings supported by the transverse girders on piers 2 and 3 have moderate to heavy corrosion. The concrete abutments are in generally in good condition with some random hairline cracks and efflorescence. The first, second, and fourth piers are in good to moderate condition with some cracking, efflorescence, and honeycombing of the concrete. Pier three is in poor condition.

Discuss Major Alterations:

The concrete retaining walls are new and replaced older timber retaining walls. The beam ends were repaired with double stiffeners.

History:

When Built:1940

Why Built: Local transportation needs

Who Built: Unknown

Why Altered: Structural and safety reasons

Was this bridge built as part of an organized bridge building campaign:Unknown

Surveyor Analysis:

This bridge may have NR significance for association with:

☐ A Events ☐ Person

☒ C Engineering/Architectural

Was this bridge constructed in response to significant events in Maryland or local history:

This bridge does not appear to have been constructed in response to significant events in Maryland or local history.

When the bridge was built and/or given a major alteration, did it have a significant impact on the growth and development of the area?

The construction and alteration of this bridge do not appear to have had a significant impact upon the growth and development of the area.

Is the bridge located in an area which may be eligible for historic designation and would the bridge add to or detract from historic and visual character of the possible district?

No, this bridge is not located in an area which may be eligible for historic designation.

Is the bridge a significant example of its type?

This bridge may be a significant example of its type.

Does the bridge retain integrity of the important elements described in the Context Addendum?

Yes, this bridge appears to retain its primary character defining elements. Though this bridge appears to retain much of its integrity, though some deterioration and some repairs have occurred.

Should this bridge be given further study before significance analysis is made and Why?

Further study of this bridge should be unnecessary. Review by the Historic Highway Bridges Inventory Review Committee, has determined that this bridge is eligible for inclusion on the National Register of Historic Places under Criteria C.

Bibliography:

Greiner, Inc.

1995 Maryland Inventory of Historic Bridges.

Harford County

v.d. Harford County Bridge Inspection Files.

Martinet

1878 Map of Harford County.

Spero, P.A.C. & Company, and Louis Berger & Associates

1994 Historic Bridge Context: Historic Bridges in Maryland.

United States Geological Survey

1949 7.5' Edgewood Quadrangle, photorevised 1985.

United States Geological Survey

1901 15' Gunpowder Quadrangle.

Wright, C. Milton.

1967 Our Harford Heritage: A History of Harford County, Maryland.

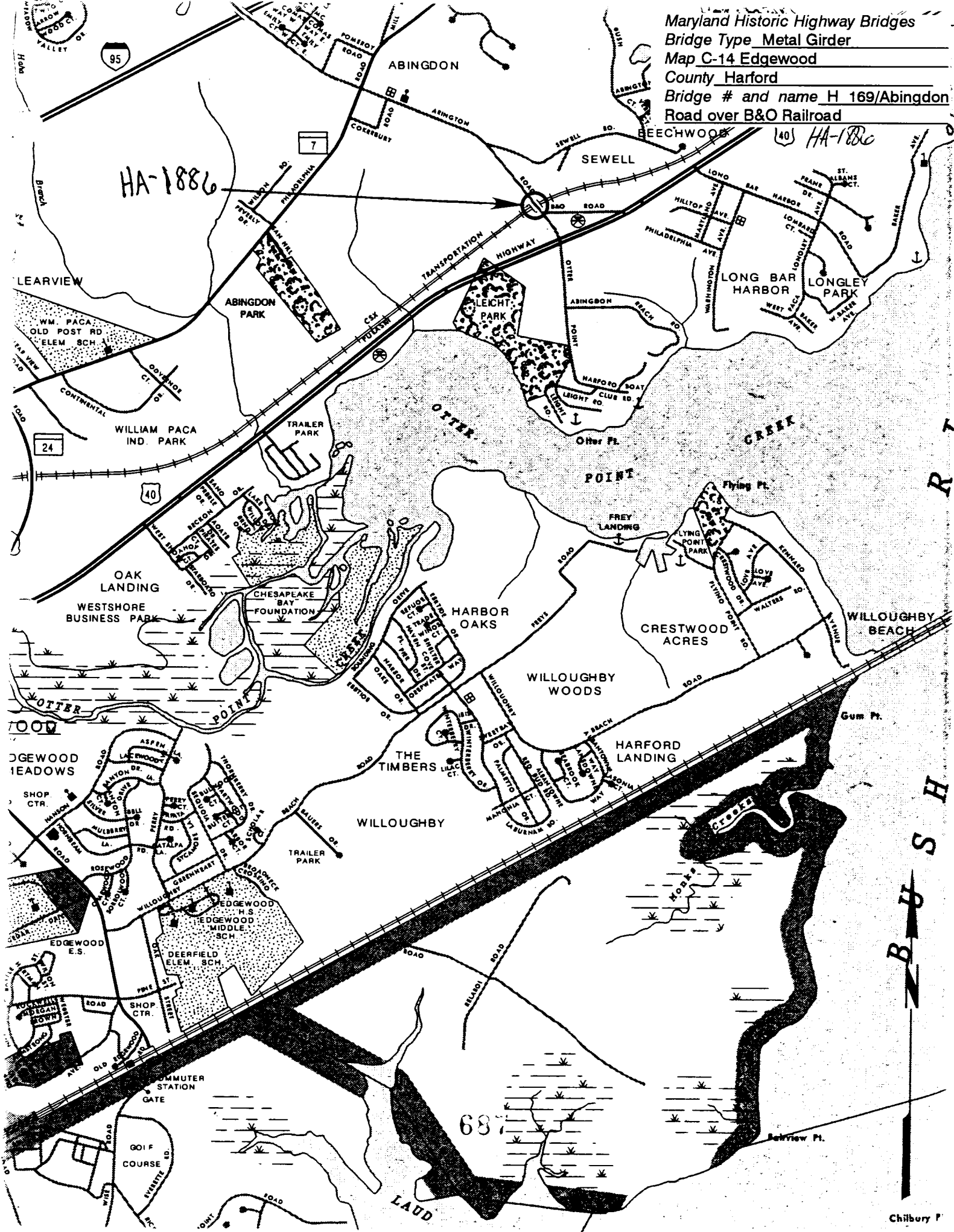
Surveyor:

Name: Jason D. Moser **Date:** September 1995

Organization: State Highway Admin. **Telephone:** (410) 321-2213

Address: 2323 West Joppa Road Brooklandville, MD 21022

Maryland Historic Highway Bridges
Bridge Type Metal Girder
Map C-14 Edgewood
County Harford
Bridge # and name H 169/Abingdon
Road over B&O Railroad





1. HA-1836
2. H139, ABINGDON ROAD OVER BLORR
3. WILFORD COUNTY, MD.
4. JOHN TARQUINIO
5. 1/23/95
6. MD5470
7. Looking WEST
8. 1 of 1



1. HA-1986

2 H169, ABINGDON RD. OVER B&O RR

3 HPRFERTY COUNTY, MD

4 JOHN MARQUINIO

5 1/26/95

6 MD SHPD

7

8 2 of 3



1. HA-1236

2. H 169. ALMADEN ROAD OVER EY. 21

3. HMD 100 County, MD.

4. 5-HA TARGUINIO

5. 7/10/95

6. MD SUP. 11

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2. 3 of 3